

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE FOLLOWING WORK IN OCEAN CITY:

- THE RECONSTRUCTION OF EXISTING TRAFFIC CONTROL SIGNALS AT THE INTERSECTIONS OF MD 378 AND 3RD STREET, MD 378 AND 7TH STREET, AND MD 378 AND 9TH STREET. MD 378 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.
- THE REPLACEMENT OF INTERCONNECT CABLE FROM N. DIVISION STREET TO 3RD STREET AND FROM 7TH STREET TO 14TH STREET.

INTERSECTION OPERATION

A. MD 378 AND 3RD STREET.

THE INTERSECTION WILL OPERATE IN A NEMA THREE-PHASE, PRE-TIMED MODE, WITH THE MD 378 APPROACH OPERATING ALONE AND THE 3RD STREET APPROACHES OPERATING CONCURRENTLY.

B. MD 378 AND 7TH STREET.

THE INTERSECTION WILL OPERATE IN A NEMA THREE-PHASE, PRE-TIMED MODE, WITH THE MD 378 APPROACH OPERATING ALONE AND THE 7TH STREET APPROACHES OPERATING CONCURRENTLY.

C. MD 378 AND 9TH STREET.

THE INTERSECTION WILL OPERATE IN A NEMA TWO-PHASE, PRE-TIMED MODE, WITH THE MD 378 APPROACH OPERATING ALONE AND THE 9TH STREET WESTBOUND APPROACH OPERATING ALONE.

CONTROLLER REQUIREMENTS

MD 378 INTERSECTIONS.

INSTALL A FULL-TRAFFIC-ACTUATED, EIGHT-PHASE CONTROLLER WITH SYSTEM PACKAGE HOUSED IN A NEMA SIZE "5" POLE MOUNTED CABINET.

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. DONNIE DREWER
DISTRICT ENGINEER
PHONE: (410) 543-6720

MR. BRUCE W. POOLE
DISTRICT UTILITIES ENGINEER
PHONE: (410) 543-6715

MR. GENE COFIELD
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 543-6715

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. JAMES R. WRIGHT
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 543-6715

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9014	6 EACH	12 IN., ONE-WAY, THREE-SECTION (R,Y,G) TRAFFIC SIGNAL HEAD - MAST ARM MOUNT.
9022	13 EACH	8 IN., ONE-WAY, THREE-SECTION (R,Y,G) TRAFFIC SIGNAL HEAD - MAST ARM MOUNT.
9027	6 EACH	12 IN., ONE-WAY, TWO-SECTION PEDESTRIAN SIGNAL HEAD - PEDESTAL MOUNT.
9080	3 EACH	EIGHT-PHASE, FULL-TRAFFIC-ACTUATED CONTROLLER WITH SYSTEM PACKAGE HOUSED IN A NEMA SIZE "5" POLE MOUNTED CABINET.
9089	142 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF :
		- 5 EACH D3-2 SIGN "BALTIMORE AVE" (VARIABLE X 16 IN.) - POLE MOUNT
		- 1 EACH D3-2 SIGN "3RD STREET" (VARIABLE X 16 IN.) DUAL FACED - MAST ARM MOUNT
		- 1 EACH D3-2 SIGN "7TH STREET" (VARIABLE X 16 IN.) DUAL FACED - MAST ARM MOUNT
		- 1 EACH D3-2 SIGN "9TH STREET" (VARIABLE X 16 IN.) DUAL FACED - MAST ARM MOUNT
		- 2 EACH R3-1 SIGN (30 IN. X 30 IN.) - MAST ARM MOUNT
		- 3 EACH R3-2 SIGN (30 IN. X 30 IN.) - MAST ARM MOUNT
		- 1 EACH R3-5 SIGN (30 IN. X 36 IN.) - MAST ARM MOUNT

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
2001	9 C.Y.	TEST PIT EXCAVATION
5009	220 L.F.	12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE
5013	400 L.F.	REMOVE EXISTING PAVEMENT MARKINGS - ANY WIDTH
6001	600 S.F.	4 IN. CONCRETE SIDEWALK
8001	21 C.Y.	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8003	6 EACH	FURNISH AND INSTALL BREAKAWAY PEDESTAL POLE - ANY SIZE
8006	2 EACH	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE
8008	3 EACH	FURNISH AND INSTALL 3 IN. WEATHERHEAD
8011	25 EACH	INSTALL SIGNAL HEAD - ANY TYPE
8019	3 EACH	INSTALL CONTROLLER AND CABINET - POLE MOUNT
8024	60 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8025	140 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
8030	40 L.F.	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8031	130 L.F.	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
8033	9 EACH	FURNISH AND INSTALL ELECTRICAL HANDBOLE
8034	9 EACH	FURNISH AND INSTALL GROUND ROD - 3/4 IN. DIAMETER X 10 FT. LENGTH
8038	4500 L.F.	FURNISH AND INSTALL 12-PAIR COMMUNICATION CABLE, SELF SUPPORTING (OVERHEAD)
8044	1350 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE- 5 CONDUCTOR (NO. 14 A.W.G.)
8049	400 L.F.	FURNISH AND INSTALL STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
8050	135 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE- 1 CONDUCTOR (NO. 4 A.W.G. - THHN/THWN)
8054	142 S.F.	INSTALL OVERHEAD SIGN
8059	3 EACH	REMOVAL OF EXISTING CONTROLLER, AND CABINET
8060	3 EACH	DELIVERY OF REMOVED CONTROLLER, AND CABINET
8061	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8070	3 EACH	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT
8083	3 EACH	FURNISH AND INSTALL MAST ARM POLE AND 60 FT. MAST ARM
NEG	LUMP SUM	PULLBACK AND RE-FEED EXISTING SIGNAL CABLE



REVISIONS

APPROVALS

REVISIONS



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION SHEET

MD 378 INTERSECTIONS

DATE: 1-20-98
SCALE: NONE
APPROVED BY: _____

DRAWN BY: S.BLOSS
DESIGNED BY: N.LEARY
CHECKED BY: T.HANNAN

F.A.P. NO. AC-STPG-0005(587)
S.H.A. NO. AW876 ASS/BS5
COUNTY WORCESTER

PLAN SHEET NO.: 7 OF 7

F.H.W.A. REGION NO.	STATE	FED. A.D. PROJ. NO.	HEET NO.	TOTAL SHEETS
3	MD			